

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claims 1-3 (Canceled)

4. (New) A saw table assembly (10) for supporting a saw (134) for cutting a workpiece (132) comprising:

at least one rail (12) for providing a support structure;

a saw track (60) having a lower platform (62) for supporting the workpiece (132) and an upper guide (68) for guiding the saw (134) therealong for cutting the workpiece (132);

a bracket (84) affixed to said rail (12) and supporting said saw track (60);

a locking block (108) disposed above said bracket (84) and within said lower platform (62) of said saw track (60);

a plate (104) disposed underneath said bracket (84) and operatively connected to said locking block (108); and

a cam (116) rotatably supported by said lower platform (62) for movement between a first position (118) and a second position (120) and a third position (122) wherein said cam (116) engages said locking block (108) in said second position (120) to capture said saw track (60) on said bracket (84) while allowing pivoting and movement of said saw track (60) and said cam (116) lifts said locking block (108) in said third position (122) to lift and engage said plate (104) against said bracket (84) for locking said saw track (60) in place and allowing removal of said saw track (60) from said bracket (84) in said first position (118).

5. (New) A saw table assembly (10) as set forth in claim 4 wherein said locking block (108) includes a semi-circular recess (110) for interfacing with said cam (116).

6. (New) A saw table assembly (10) as set forth in claim 5 wherein said cam (116) has a D-shaped cross section including a flat portion and a semi-circular portion wherein said semi-circular portion of said cam (116) engages said semi-circular recess (110) of said locking block (108) in said second position (120) to capture said saw track (60) on said bracket (84) while allowing pivoting and movement of said saw track (60) and said semi-circular portion of said cam (116) engages said semi-circular recess (110) of said locking block (108) to lift said locking block (108) in said third position (122) and engage said plate (104) against said bracket (84) for locking said saw track (60) in place and said flat portion of said cam (116) is generally parallel with said locking block (108) for allowing removal of said saw track (60) from said bracket (84) in said first position (118).

7. (New) A saw table assembly (10) as set forth in claim 4 wherein said lower platform (62) further comprises a tab (130) to interface with said cam (116) for preventing said cam (116) from rotating past said third position (122).

8. (New) A saw table assembly (10) as set forth in claim 7 wherein said cam (116) includes a notch (128) to interface with said tab (130) for preventing said cam (116) from rotating past said first position (118).

9. (New) A saw table assembly (10) as set forth in claim 4 wherein said bracket (84) includes a circular hole (100) extending through said bracket (84) and further comprising a cylinder (102) affixed to said plate (104) in a perpendicular relationship and extending through said circular hole (100) of said bracket (84) and connecting to said locking block (108) for operatively connecting said plate (104) to said locking block (108).

10. (New) A saw table assembly (10) as set forth in claim 4 further comprising a gripping ring (106) sandwiched between said plate (104) and said bracket (84) for increasing the coefficient of friction between said plate (104) and said bracket (84).

11. (New) A saw table assembly (10) as set forth in claim 4 wherein said upper guide (68) of said saw track (60) includes a first slideway (70) and a second slideway (72) for supporting the saw (134).

12. (New) A saw table assembly (10) as set forth in claim 11 wherein said saw track (60) includes a pair of end brackets (74) connecting said lower platform (62) to said first and second slideways (70, 72).

13. (New) A saw table assembly (10) as set forth in claim 12 wherein said end brackets (74) include oval holes (80) having oval shapes for attaching said first and second slideways (70, 72) with fasteners (78) and allowing said first and second slideways (70, 72) to be moved back and forth to adjust for variations in a size of the saw (134).

14 (New) A saw table assembly (10) as set forth in claim 11 further comprising a retaining piece (81) engaged with said first slideway (70) for attachment to the saw (134) to prevent accidental removal of the saw (134) from said upper guide (68).

15. (New) A saw table assembly (10) as set forth in claim 11 further comprising slideway glide strips (136) supported by said first and second slideways (70, 72) for allowing the saw (134) to move easily along said upper guide (68).

16. (New) A saw table assembly (10) as set forth in claim 4 further comprising at least one table section (24, 26) supported by said rail (12) for further supporting the workpiece (132) and forming a working surface (40).

17. (New) A saw table assembly (10) as set forth in claim 16 wherein said at least one rail (12) is further defined as a pair of rails (12), said at least one table section is further defined as a first table section (24) and a second table section (26), and said table sections (24, 26) are interlinked with one another and independently slidable along their respective rails (12).

18. (New) A saw table assembly (10) as set forth in claim 17 wherein each of said table sections (24, 26) include a groove (44) disposed on a first side (30) of said table section (24, 26).

19. (New) A saw table assembly (10) as set forth in claim 18 wherein each of said table sections (24, 26) include a tongue (46) disposed on a second side (32) of said table section (24, 26).

20. (New) A saw table assembly (10) as set forth in claim 19 wherein said tongue (46) of one of said table sections (24, 26) is slidably received in said groove (44) of another of said table sections (26, 24) for interlinking said first table section (24) to said second table section (26).

21. (New) A saw table assembly (10) as set forth in claim 19 further comprising a material guide (48) for guiding the workpiece (132) that is to be cut.

22. (New) A saw table assembly (10) as set forth in claim 21 wherein said material guide (48) includes a support channel (50) for engaging with said tongue (46) of one of said table sections (24, 26).

23. (New) A saw table assembly (10) as set forth in claim 19 further comprising an unsupported table section interlinked with at least one of said first table section (24) or said second table section (26).

24. (New) A saw table assembly (10) as set forth in claim 16 further comprising at least one extension rail (56) disposed in telescoping relationship with said table section (24, 26) for extending said working surface (40).

25. (New) A saw table assembly (10) as set forth in claim 24 wherein said extension rail (56) includes a spring plunger (140) engaging a bore (152) disposed in said table section (24, 26) for holding said extension rail (56) in place.

26. (New) A saw table assembly (10) as set forth in claim 16 further comprising an end cap (22) for covering the end of said at least one rail (12) for preventing dirt and contaminants from entering said rail (12).

27. (New) A saw table assembly (10) as set forth in claim 26 further comprising at least one spring plunger (140) supported by said end cap (22) for engaging with an end (146) of said table section (24, 26) to prevent said table section (24, 26) from sliding along said rail (12).

28. (New) A saw table assembly (10) for supporting a saw (134) for cutting a workpiece (132) comprising:

a pair of rails (12) for providing a support structure;
a coupling assembly (82) supported by said rails (12);
a saw track (60) supported by said coupling assembly (82) and having a lower platform (62) for supporting the workpiece (132) and an upper guide (68) for guiding the saw (134) therealong for cutting the workpiece (132);
a first table section (24) and a second table section (26) supported by one of said pair of rails (12) for further supporting the workpiece (132) and forming a working surface (40); and

said table sections (24, 26) further including a groove (44) disposed on a first side (30) and a tongue (46) disposed on a second side (32) where said tongue (46) of one of said table sections (24, 26) is slidably received in said groove (44) of another of said table sections (26, 24) for interlinking said first table section (24) to said second table section (26).

29. (New) A saw table assembly (10) as set forth in claim 28 further comprising at least one extension rail (56) disposed in telescoping relationship with said table section (24, 26) for extending said working surface (40).

30. (New) A saw table assembly (10) as set forth in claim 29 wherein said extension rail (56) includes a spring plunger (140) engaging a bore (152) disposed in said table section (24, 26) for holding said extension rail (56) in place.

31. (New) A saw table assembly (10) as set forth in claim 28 further comprising an end cap (22) for covering the end of said pair of rails (12) for preventing dirt and contaminants from entering said rails (12).

32. (New) A saw table assembly (10) as set forth in claim 31 further comprising at least one spring plunger (140) supported by said end cap (22) for engaging with an end (146) of said table section (24, 26) to prevent said table section (24, 26) from sliding along said rail (12).

33. (New) A saw table assembly (10) as set forth in claim 28 wherein said working surface (40) includes a first group (52) of table sections (24, 26) and a second group (54) of table sections (24, 26) separated longitudinally along said rails (12) by said coupling assembly (82).

34. (New) A saw table assembly (10) as set forth in claim 28 further comprising an unsupported table section interlinked with at least one of said first table section (24) or said second table section (26) for increasing said working surface (40).

35. (New) A saw table assembly (10) as set forth in claim 28 further comprising a material guide (48) for guiding the workpiece (132) that is to be cut.

36. (New) A saw table assembly (10) as set forth in claim 35 wherein said material guide (48) includes a support channel (50) for engaging with said tongue (46) of one of said table sections (24, 26).

37. (New) A saw table assembly (10) as set forth in claim 28 wherein said each of said pair of rails (12) includes a recess (18) supporting a rail glide strip (20) for allowing said table sections (24, 26) to move easily along said rails (12).